



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/540

Date : 06.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Jasmanda, Block - Pahla
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 167 ~~mbgl~~

Date of Logging : 06.04.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : ~~Uptron~~



Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Quality & Types of strata | R _{mf} & R _w |
|--------------|----------------------|---------------|------------------------------------|---|
| 1 | 37 – 45 | 8 | Good | R_{mf} = 28 Ωm R_w = 30.1 Ωm |
| 2 | 52 – 65 | 13 | Good, kankar intermixed | |
| 3 | 80 – 103 | 23 | Good, kankar intermixed | |
| 4 | 115 – 125 | 10 | Good kankar Intermixed | |
| 5 | 150 – 162 | 12 | Good kankar Intermixed. | |

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

CC :
I.M/S NCC Sitapur

Verified as per logs provided.
G.C.S.
07/04/23



(A.K. Singh)
Geophysicist